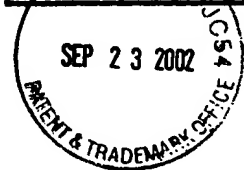


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER
Express Mail No. EV170134316US
Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

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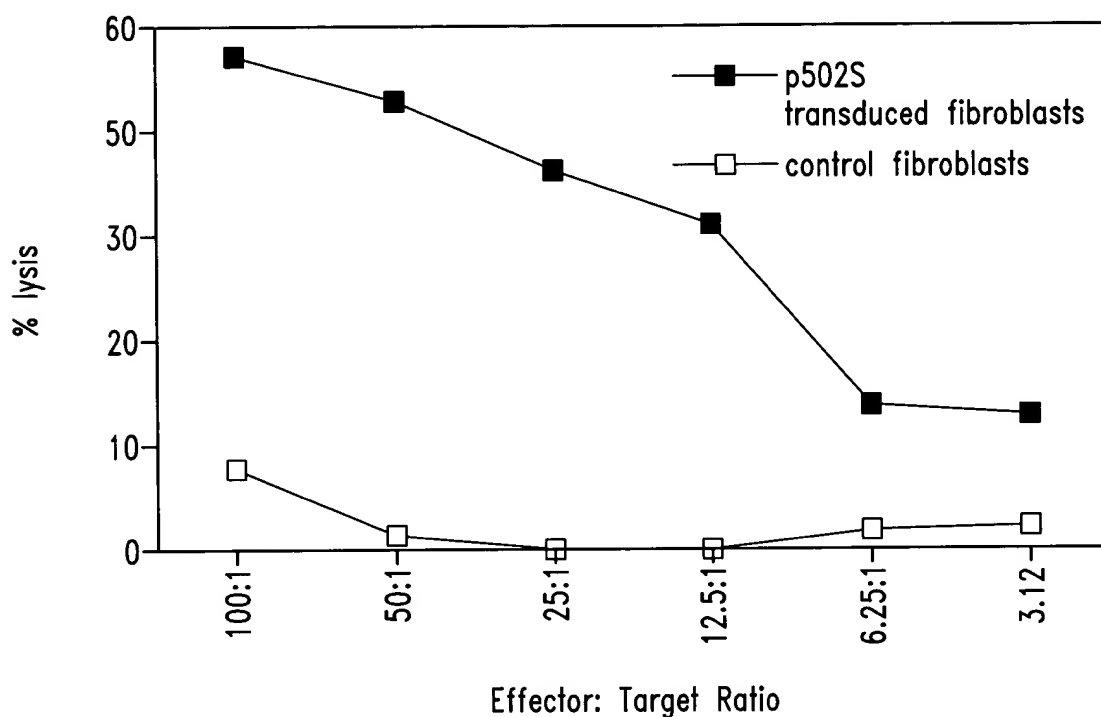


Fig. 1

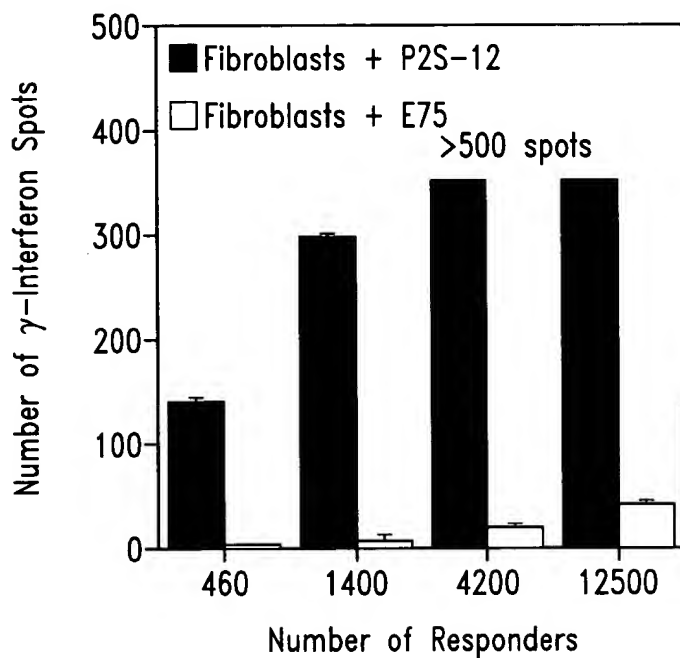
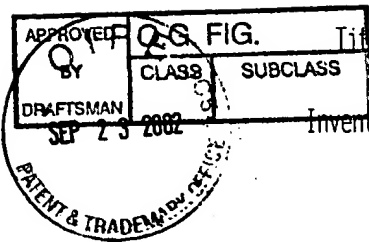


Fig. 2A

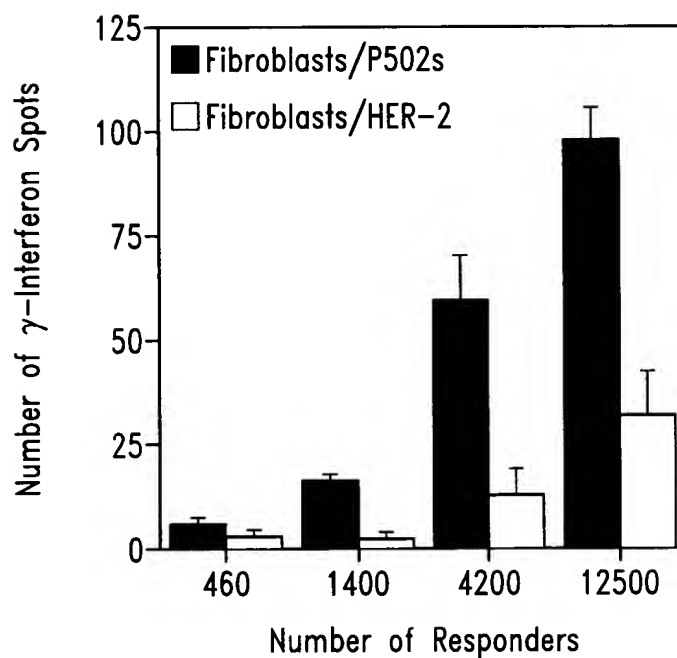


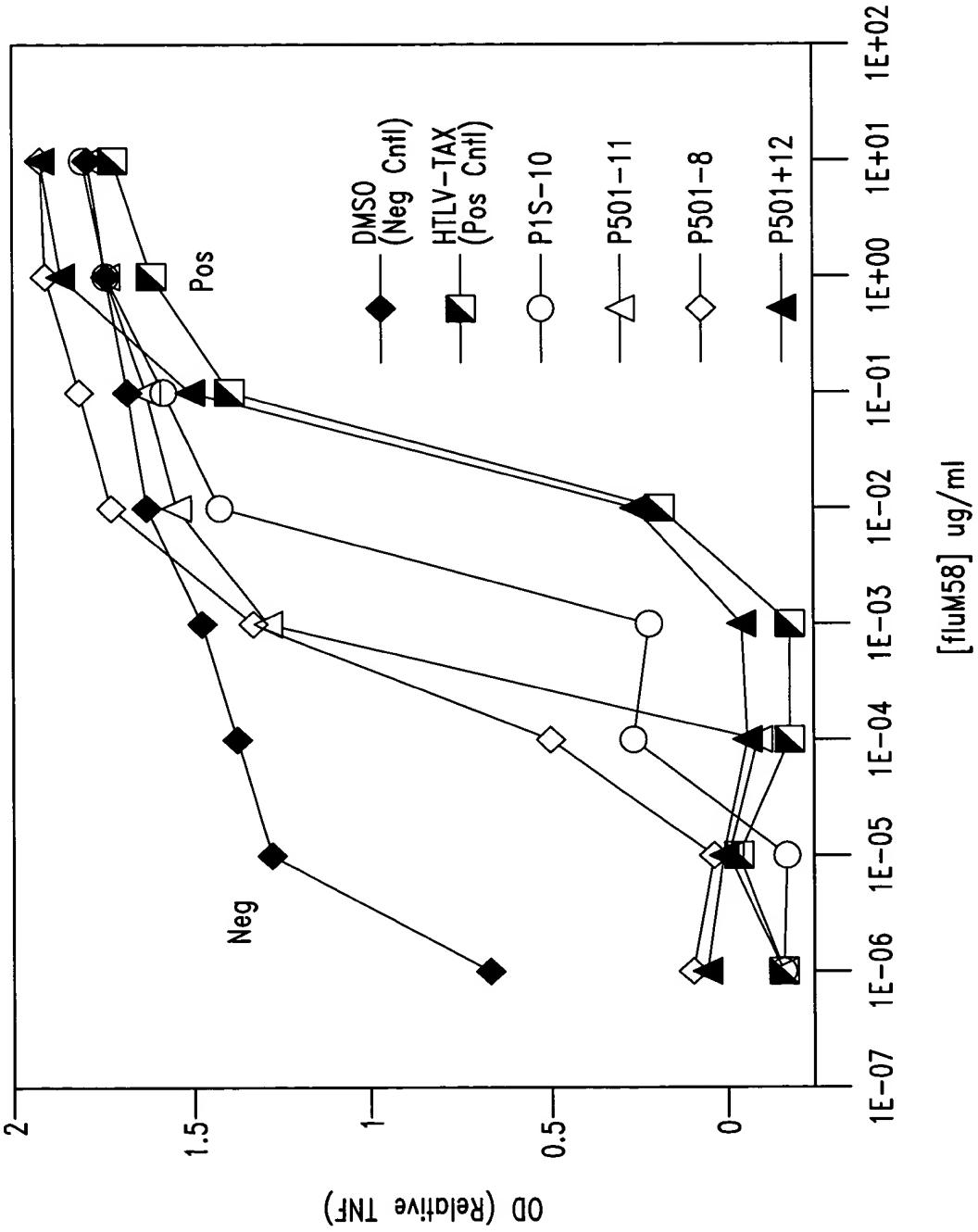
Fig. 2B

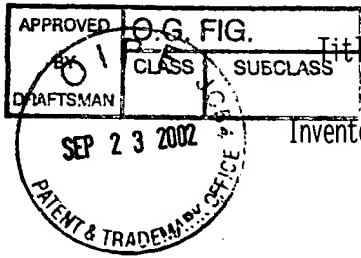
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Fig. 3





Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

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Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

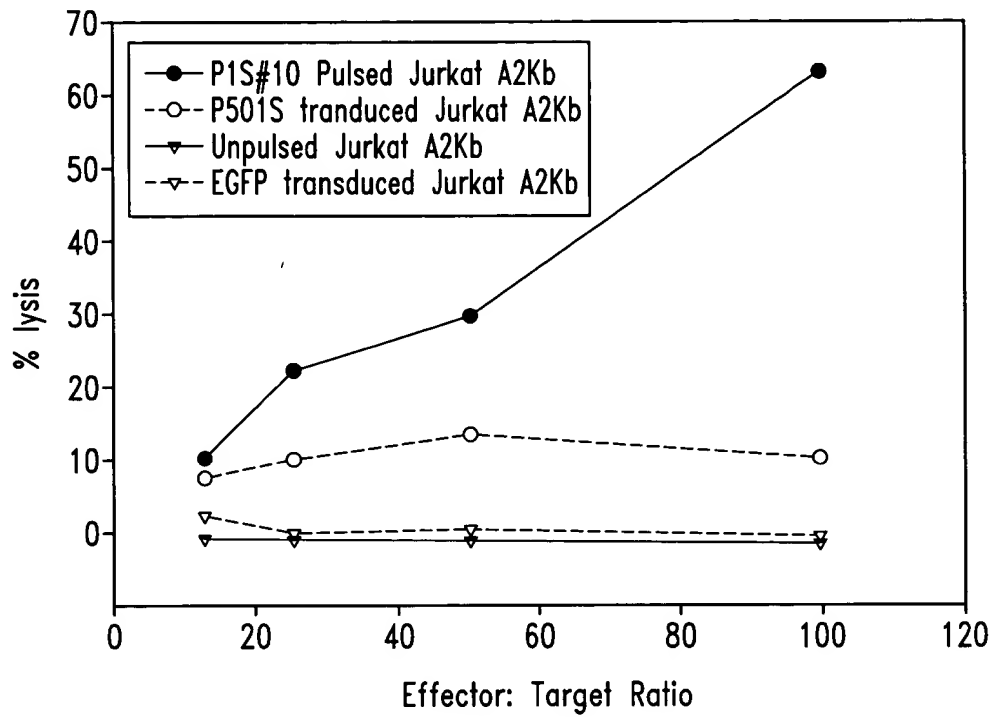


Fig. 4

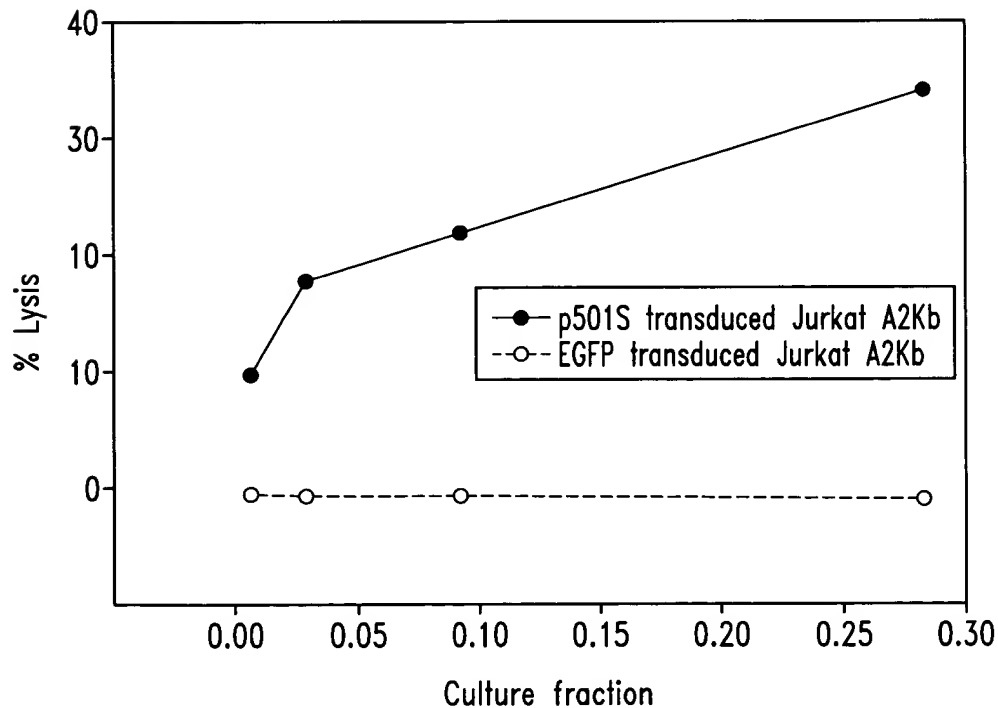
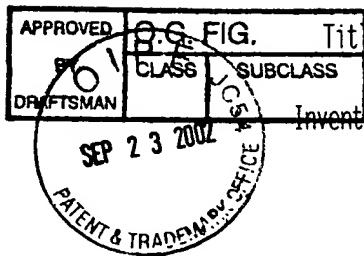


Fig. 5



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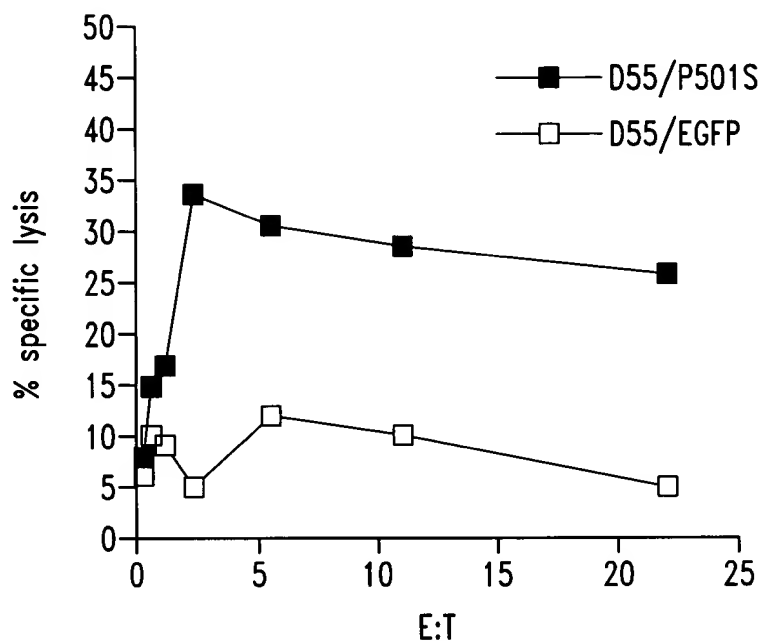


Fig. 6A

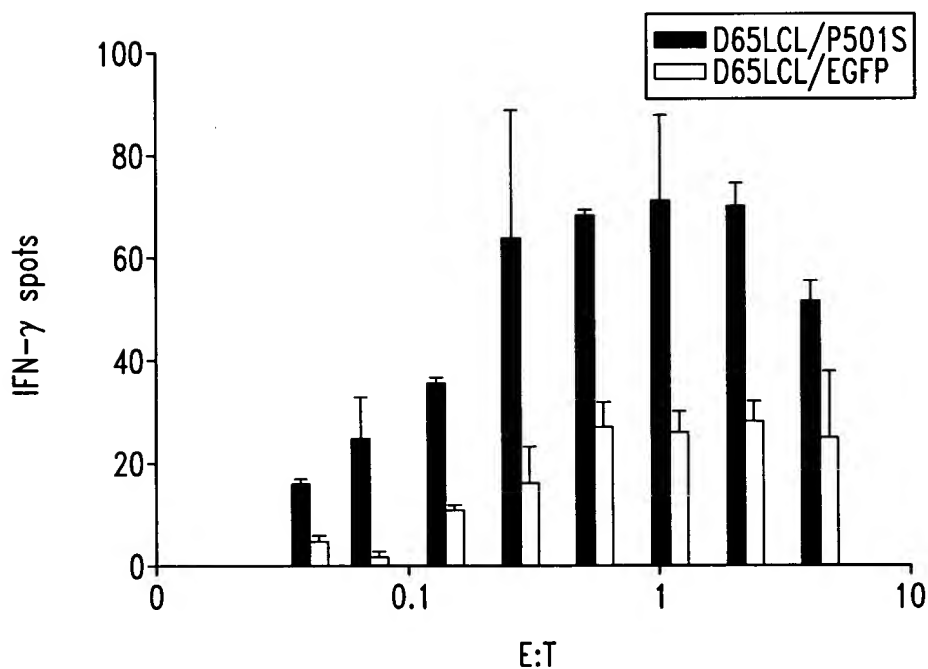


Fig. 6B

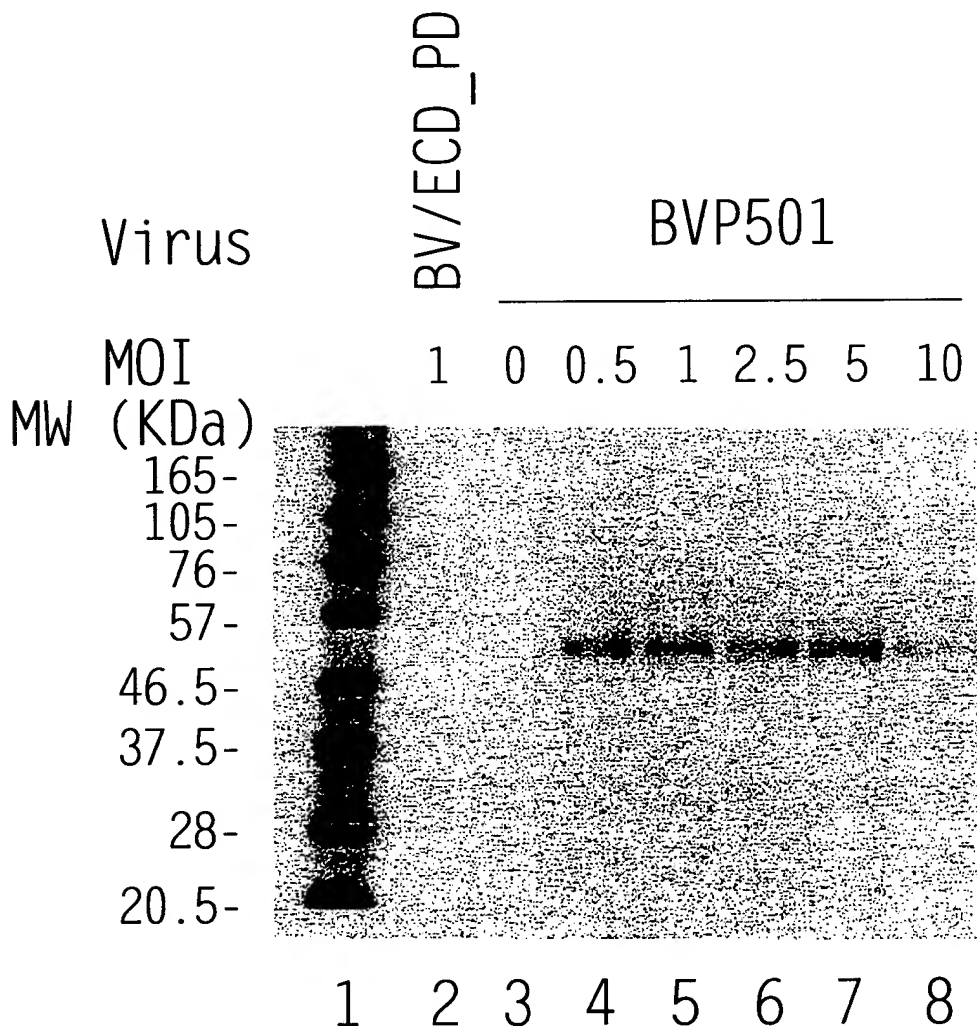
APPROVED	FIG.	Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER
BY	CLASS	
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Inventor: Jiangchun Xu et al. Serial No. 09/657,279 Docket No. 210121.427C19

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Expression of P501S by the Baculovirus Expression System



C 6 million high 5 cells in 6-well plate were infected with an unrelated control virus BV/ECD_PD (lane2), without virus (lane3), or with recombinant baculovirus for P501 at different MOIs (lane 4-8). Cell lysates were run on SDS-PAGE under the reducing conditions and analyzed by Western blot with a monoclonal antibody against P501S (P501S-10E3-G4D3). Lane 1 is the biotinylated protein molecular weight marker (BioLabs).

Fig. 7

FIGURE 8. Mapping of the epitope recognized by 10E3-G4-D3

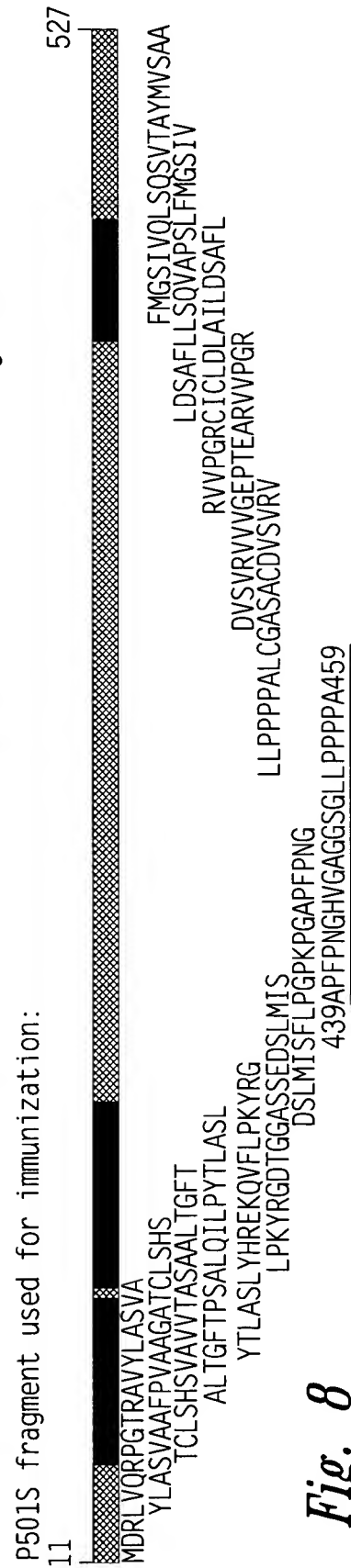
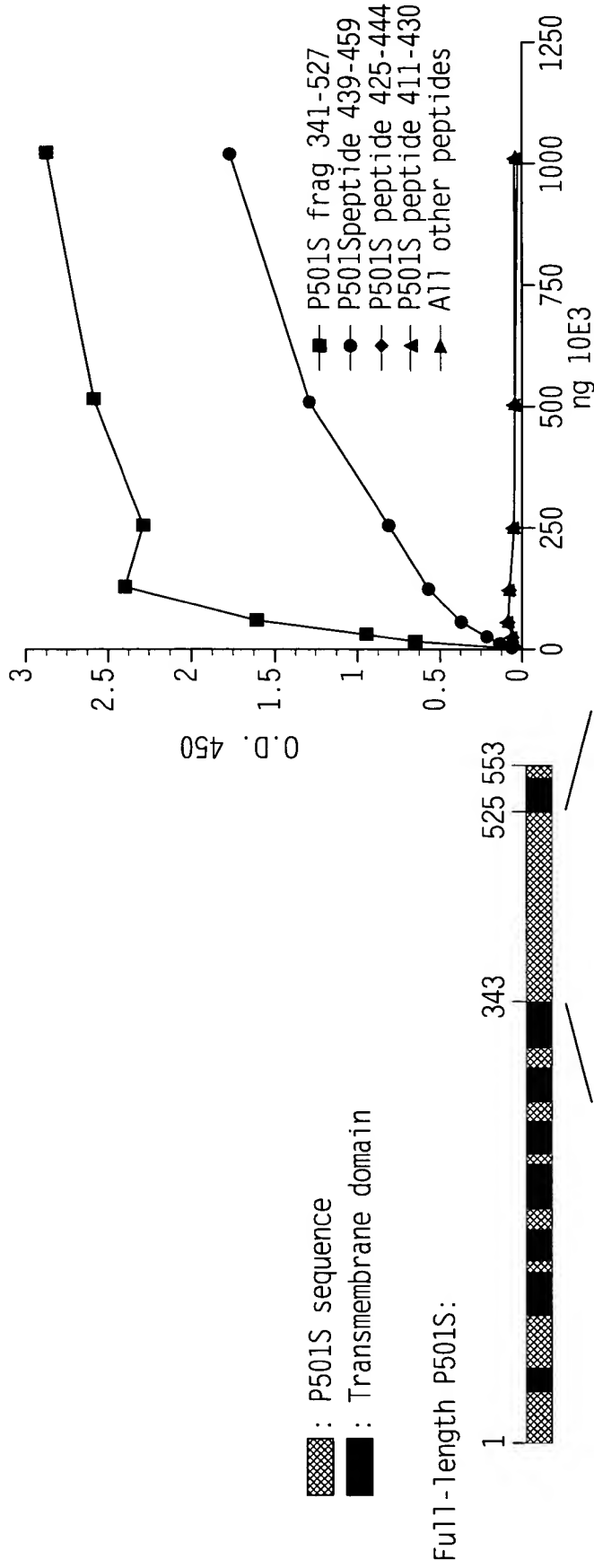
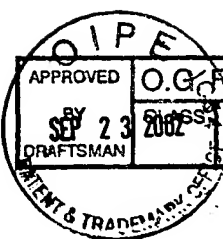


Fig. 8

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Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

Express Mail No. EV170134316US

Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

Schematic of P501S with predicted
transmembrane, cytoplasmic, and extracellular regions

MVQRLWVSRLLRHRK AQLLLVNLLTFGLEVCLAAGIT YVPPLLLLEVGVEEKFM
TMVLGIGPVLGLVCYPLLGSAS

DHWRGRYGRRRP FIWALSLGILLSLFLIPRAGWL AGLLCPDPRPLE LALLILGVGLLDFCGQVCFTPL

EALLSDLFRDPDHCRQ AYSVYAFMISLGGCLGYLLPAI DWDTSALAPYLGTQEE

CLFGLLTLIFLTCVAATLLV AEAAALGPTEPAEGLSAPSLSPHCCPCRARLAFRNLGALLPRL

HQLCCRMPTLRR LFVAELCSWMALMTFTLFYTDF VGEGLYQGVPRAPGTEARRHYDEGVR

MGSLGLFLQCAISLVFSLVM DRLVQRFGTRAVYLAS VAAFPVAAGATCLSHSVAVVTA **SAA**

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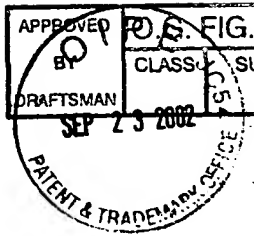
LPPPPALCGASACDVSVRVVVGEPTEARVVPGRG ICLDLAILDSAFLLSQVAPSLF **MGSIVQLSQS**

VTAYMVSAAGLGLVAIYFAT QVVFDSDLAKYSA

Underlined sequence: Predicted transmembrane domain; **Bold sequence**:
Predicted extracellular domain; *Italic sequence*: Predicted intracellular
domain. Sequence in bold/underlined: used generate polyclonal rabbit
serum

Localization of domains predicted using HMMTOP (G.E. Tusnady and I. Simon
(1998) Principles Governing Amino Acid Composition of Integral Membrane
Proteins: Applications to topology Prediction. J. Mol Biol. 283, 489-506.

Fig. 9



Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

Express Mail No. EV170134316US

Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

Genomic Map of (5) Corixa Candidate Genes

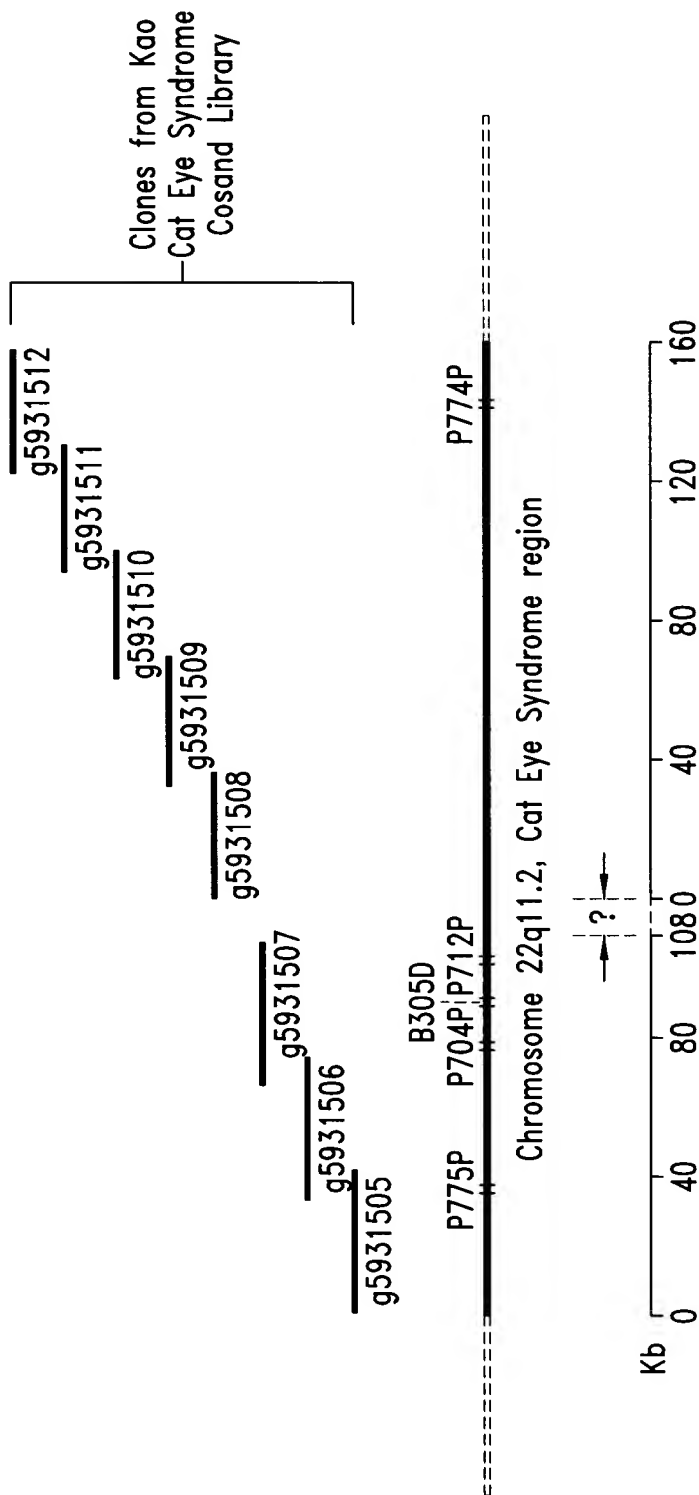


Fig. 10

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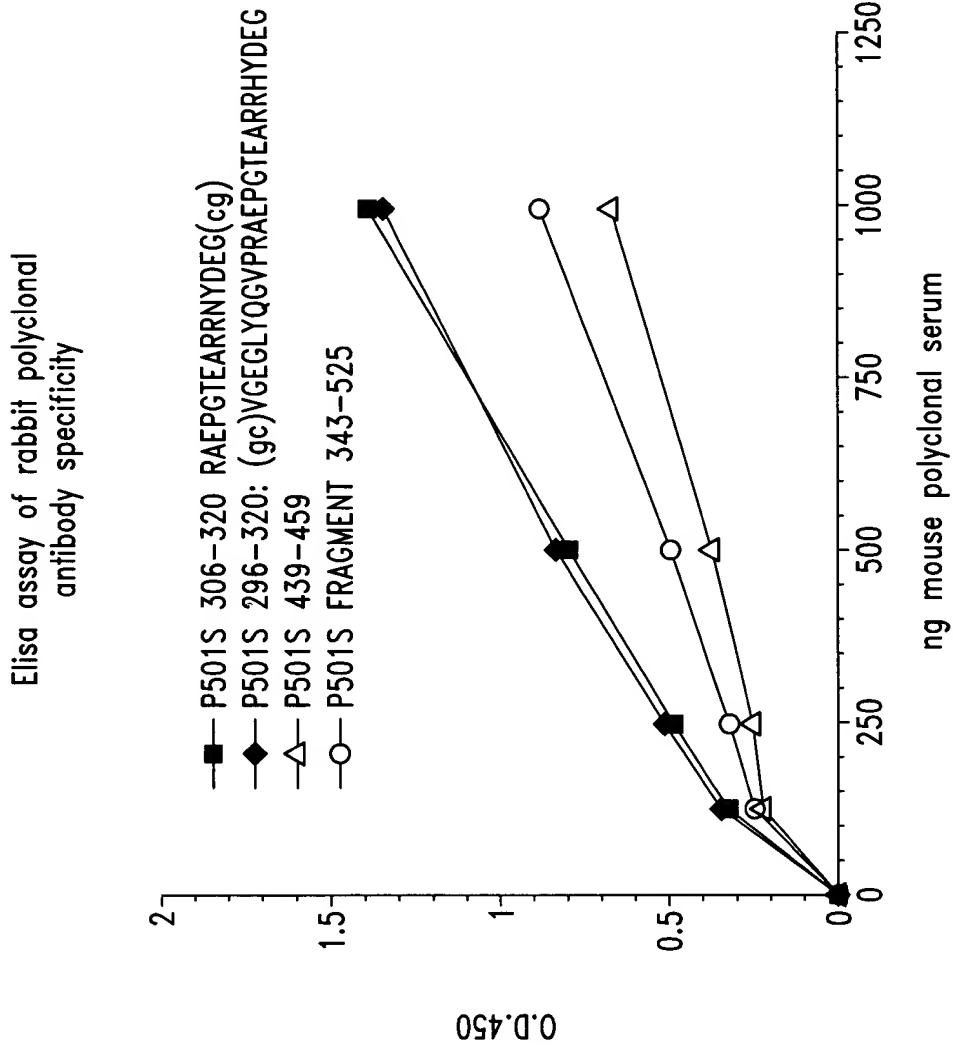
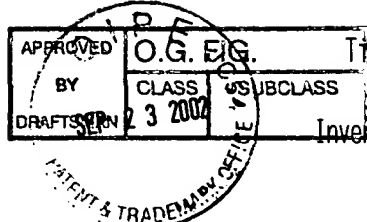


Fig. 11

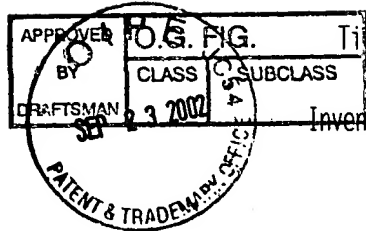


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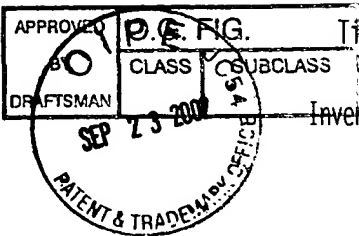
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TACAGTGAAA	GCGACTTGGT	GAATTTTATT	CAAGCAAATT	TTAAGAAAACG	AGAATGTGTC	180
TTCTTTACCA	AAGATTCCAA	GGCCACGGAG	AATGTGTGCA	AGTGTGGCTA	TGCCCAGAGC	240
CAGCACATGG	AAGGCACCCA	GATCAACCAA	AGTGAGAAAT	GGAACACACC	GAAACACACC	300
AAGGAATTTT	CTACCGACGC	CTTTGGGGAT	ATTCAGTTTG	AGACACTGGG	GAAGAAAGGG	360
AAGTATATAC	GTCTGTCCCTG	CGACACGGAC	GCGGAAATCC	TTTACGAGCT	GCTGACCCAG	420
CACTGGCACC	TGAAAACACC	CAACCTGGTC	ATTTCTGTGA	CCGGGGGCGC	CAAGAACTTC	480
GCCCTGAAGC	CGCGCATGCG	CAAGATCTTC	AGCCGGCTCA	TCTACATCGC	GCAGTCCAAA	540
GGTGCTTGGA	TTCTCACGGG	AGGCACCCAT	TATGGCCTGA	CGAAGTACAT	CGGGGAGGTG	600
GTGAGAGATA	ACACCATCAG	CAGGAGTTCA	GAGGAGAATA	TTGTGGCCAT	TGGCATAGCA	660
GCTTGGGGCA	TGGTCTCCAA	CCGGGACACC	CTCATCAGGA	ATTGCGATGC	TGAGGGCTAT	720
TTTTTAGCCC	AGTACCTTAT	GGATGACTTC	ACAAGGGATC	CACTGTATAT	CCTGGACAAC	780
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GATGAAGACT	TGGCAGAACA	GCTGCTGGTC	TATTCCTGTG	AAGCTTGGGG	TGGAAGCAAC	1980
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Fig. 12A (1)



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Fig. 12A (2)



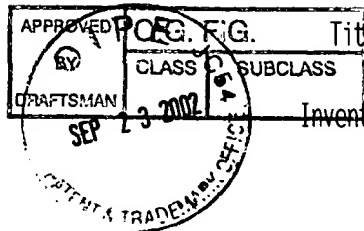
Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

Express Mail No. EV170134316US

Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

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Fig. 12A (3)



Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

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Fig. 12B